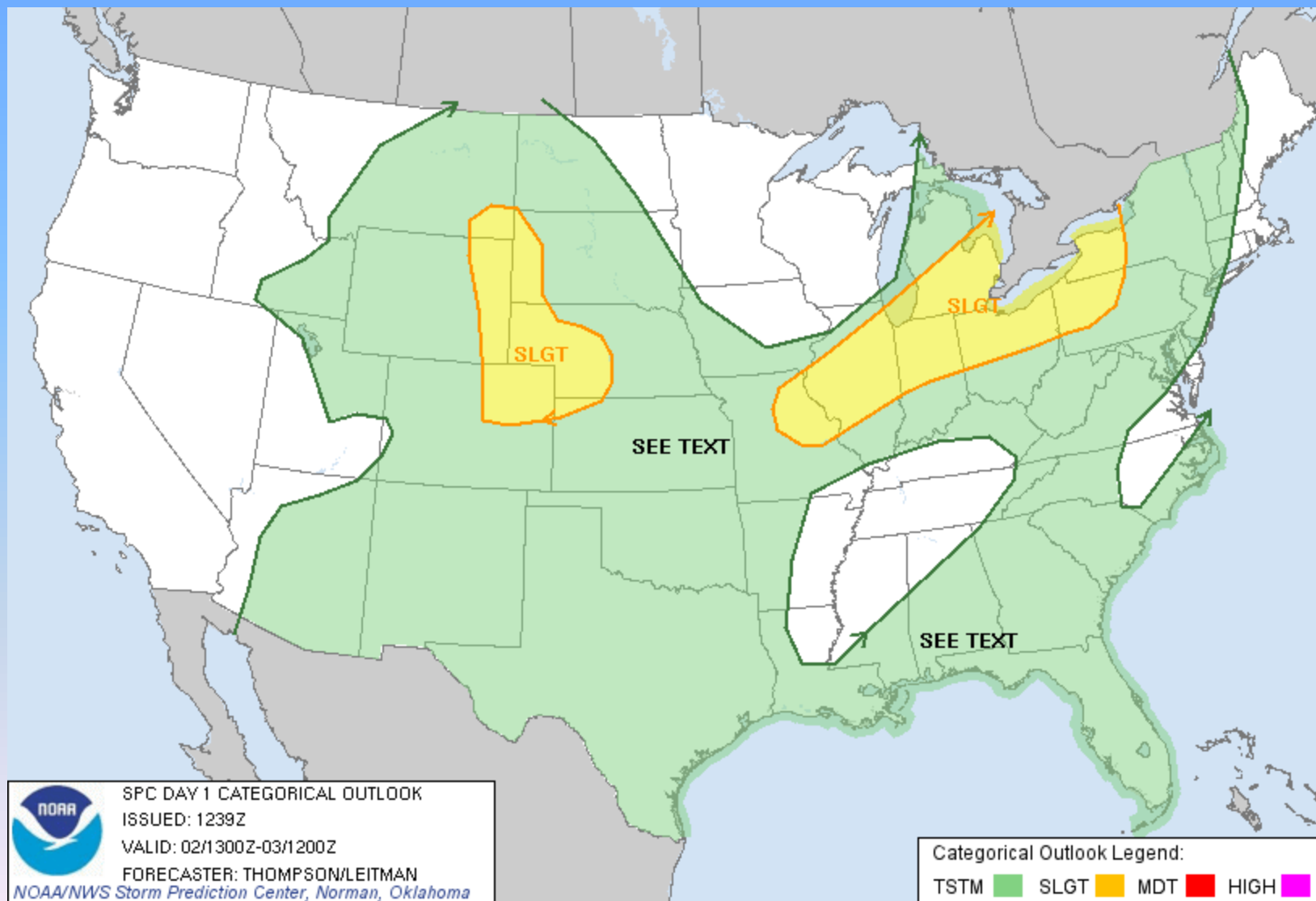


# **National Weather Service Detroit/Pontiac**

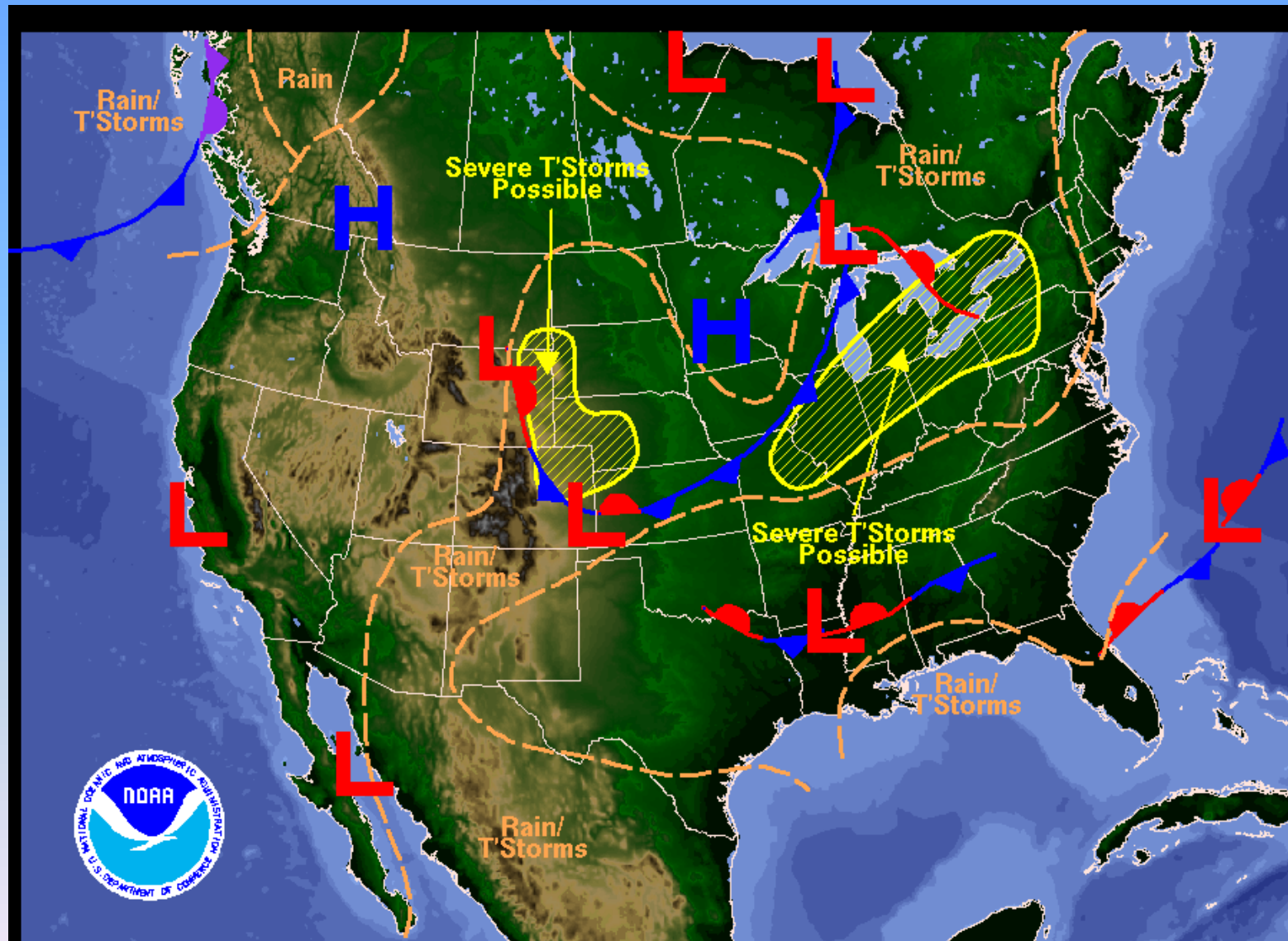
Multimedia Web Briefing

July 2, 2011

# Severe Weather Potential

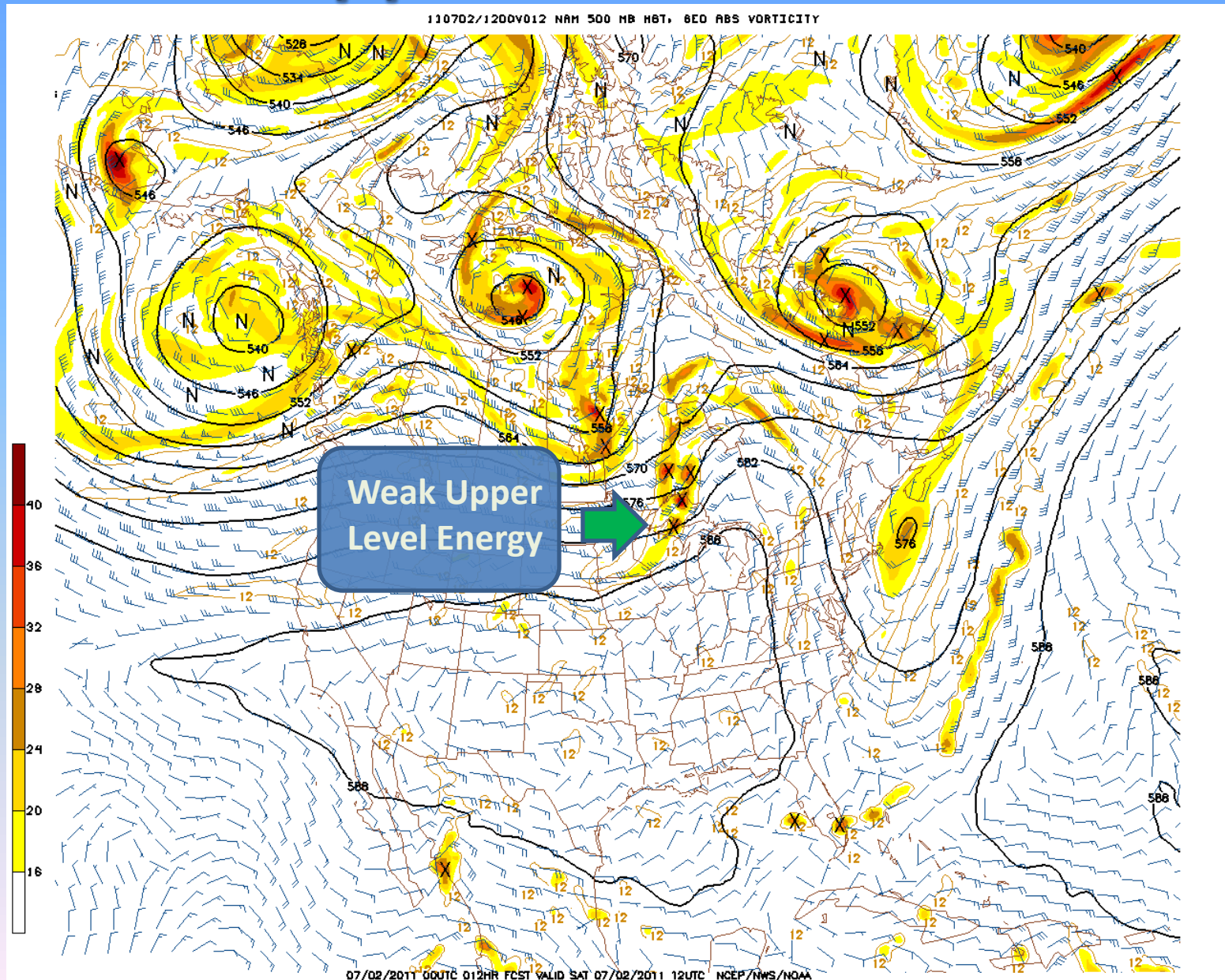


# Today's Forecast



Weather Forecast for Sat, Jul 02, 2011, issued 3:52 AM EDT  
DOC/NOAA/NWS/NCEP/Hydrometeorological Prediction Center  
Prepared by Gerhardt based on HPC, SPC, and NHC forecasts

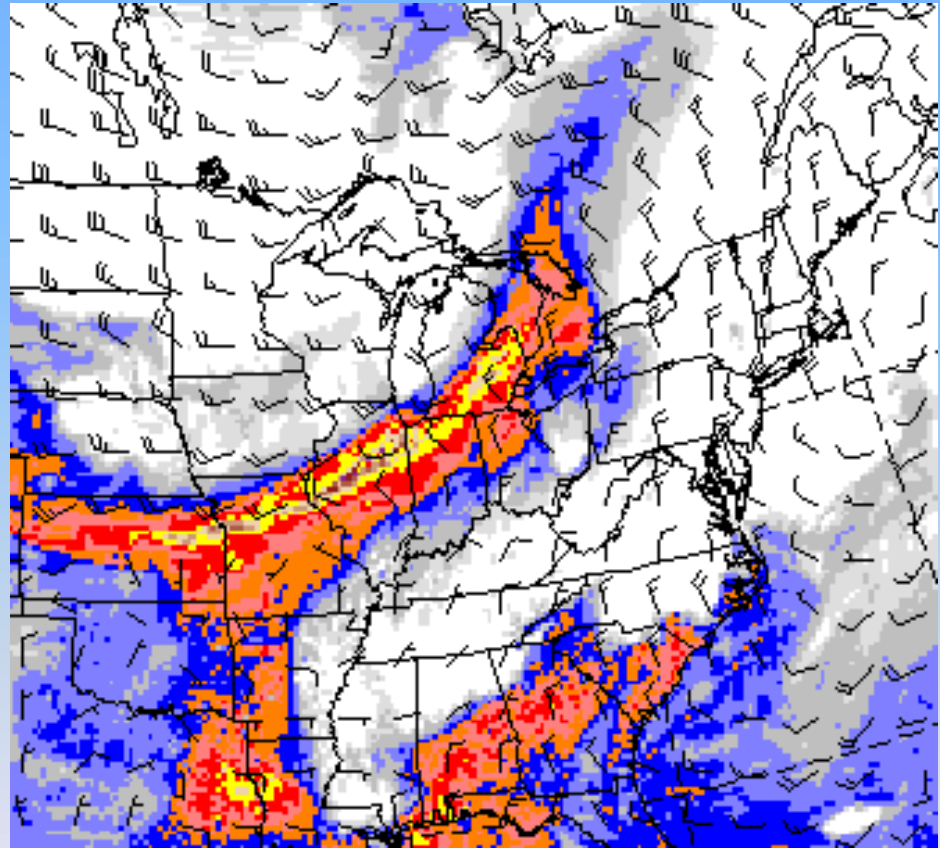
# Upper Level Data



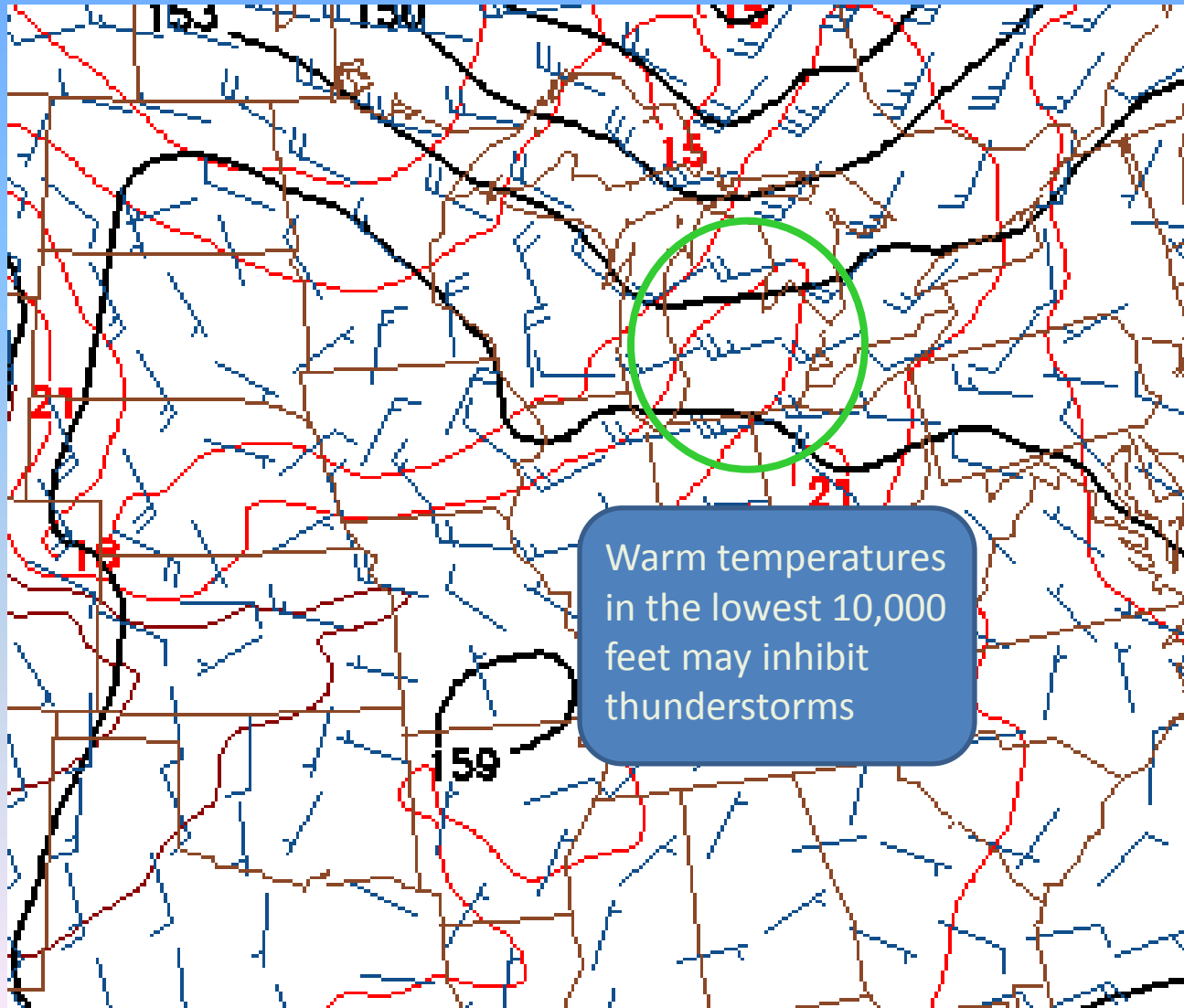


# Instability

- Temperatures into the 90s
- Dew Points in the 70s
- Very high Instability during the late afternoon over southern Lower Michigan



# Limiting Factors



# **Timeline**

- **If thunderstorms develop, scattered severe thunderstorms are likely.**
- **Thunderstorms will likely develop across Northern and Southwest Lower after Noon along the cold front.**
- **Those thunderstorms will move with the cold front across Southeast Michigan from 3pm to 8pm.**

# **Hazards**

- **Thunderstorms may produce strong winds 60-70 mph. Hail to 1" is also a threat with strongest storms.**
- **Storms will track to the east at 25 mph.**
- **Moisture rich environment and slower storm motion will bring a threat of heavy rainfall and isolated urban area flood threat.**